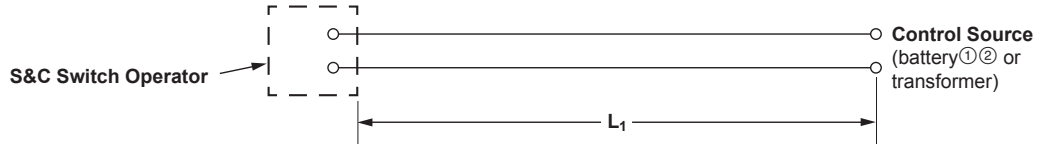


S&C SWITCH OPERATORS—TYPE LS-1 (For Circuit-Isolator II™ Disconnects, Outdoor High-Voltage Disconnects, and Interrupter Switches Not of S&C Manufacture) and TYPE LS-2 (For S&C Line-Rupters™)

SCHEMATIC DIAGRAM

(Wiring to be furnished by user)



Application		S&C Switch Operator		Control Source Voltage	Motor		Minimum Size of Control Wire ^③ for Line L ₁ A.W.G.						
High-Voltage Device	Rating of High-Voltage Device	Type	Catalog Number		Rating, Volts	Accelerating Current at Rated Voltage, Amperes	Distance, Feet						
							100	200	300	400	500	1000	2000
S&C Circuit-Isolator II Disconnects, and Interrupter Switches and Disconnects not of S&C Manufacture	7.2 thru 345 kV	LS-1	38857R1-A	48 Vdc	48	27	10	8	6	4	4	1	3/0
			38857R1-B	125 Vdc	125	10	12	12	12	10	10	8	4
S&C Line-Rupters	115 thru 230 kV	LS-2	38915-A	48 Vdc	48	30	10	8	6	4	4	1	3/0
			38915-B	125 Vdc	125	15	12	10	8	8	6	4	1

① Recommended minimum battery ratings for Type LS-1 Switch Operators are:

Volts, dc	One-Minute Discharge Rate, Amperes
48	36
125	16

③ Where long distances and large wire sizes are encountered, comparative cost of relocating battery closer to switch operator should be considered.

② Recommended minimum battery ratings for Type LS-2 Switch Operators are:

Volts, dc	One-Minute Discharge Rate, Amperes
48	75
125	36

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